

Co 21.6

C. F. Langston & Co

Catalogue and

Price List

Venti-

lating

Fans

For 1893



ILLUSTRATED CATALOGUE
- - -
AND PRICE LIST

OF

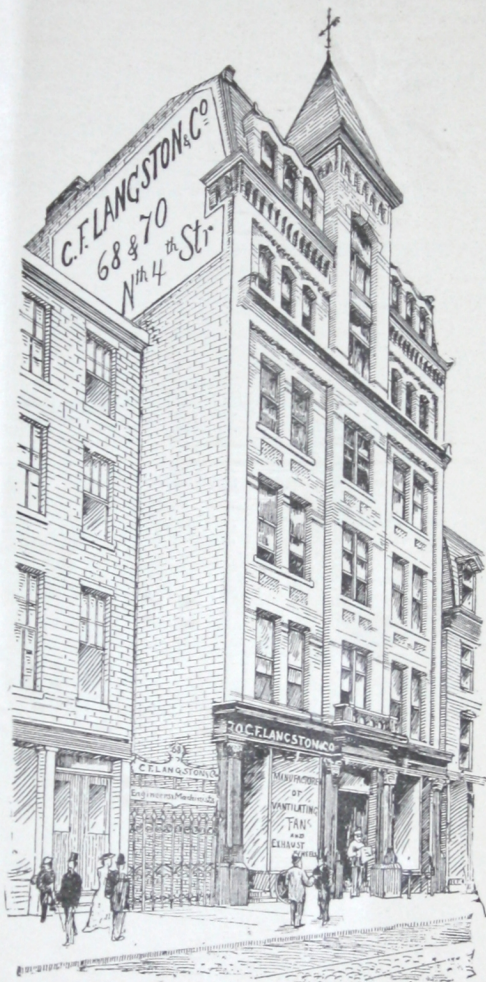
ROTARY . . .

VENTILATING

FANS AND . . .

EXHAUST . . .

WHEELS . . .



MANUFACTURED BY

C. F. LANGSTON AND Co.

68 AND 70 N. FOURTH STREET

PHILADELPHIA, PA., U.S.A.

T Make your place of business cool and comfortable and free from Flies, Mosquitoes, Heat, Smoke and bad Ventilation, use our Patent Ventilating Fans, and Exhaust Wheels. Thousands are in use by Hotels, Restaurants, Saloons, Brewers, Grocers, Confectioners, Druggists, Butchers, Bakers, Public Offices, Manufactories, Stores, Laundries, Etc.

ANTICIPATING a greater demand for the coming season, for our New Rotary Ventilating Fans and Exhaust Wheels, judging from the increased sales every year, and especially during the past season when our sales amounted to more than three times that of any former season, we have increased our facilities to double the former capacity, trusting we shall be able to meet all demands promptly.

We have also added several New and exclusive designs, elegant in finish and of superior workmanship.

Our new regulation for adjusting the blades at any angle, while in motion, which is accomplished by simply pressing the knob at the bottom of Ceiling Fans, or moving a sleeve attached to the shaft immediately under the fan blades, on Counter or Column Fans, is a vast improvement over the old way, when the circulation could not be increased or diminished except by stopping the fan to adjust the blades.

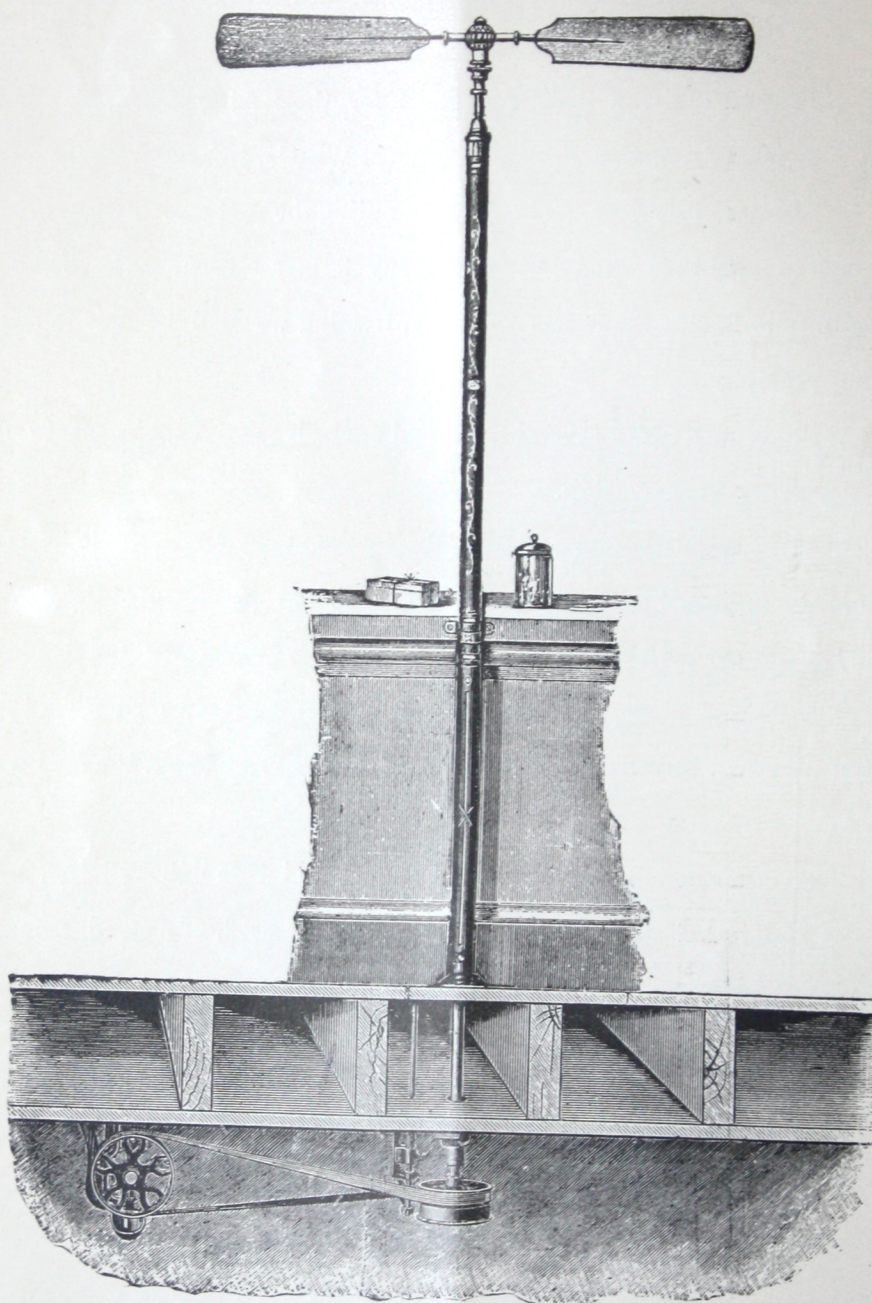
The construction of our Fans is such as to insure light running, making them especially desirable when Electric Motors are used, or a small amount of power is available.

C. F. LANGSTON & Co.,

68 and 70 N. 4th St.,

Philadelphia, Pa., U. S. A.

Telephone 1501.

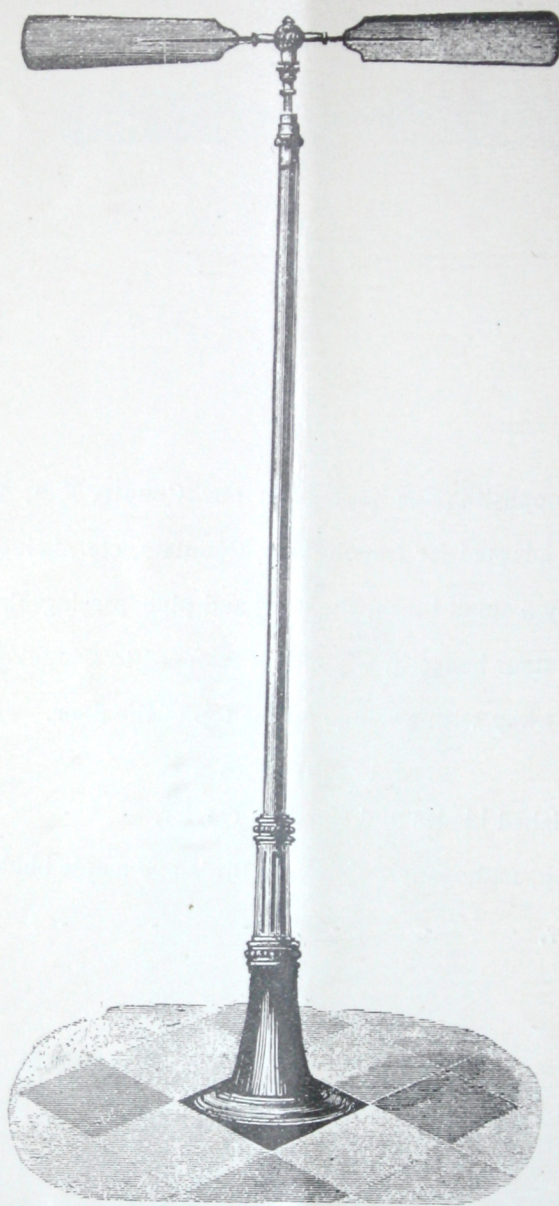


Counter Fan

THE cut on opposite page represents our Counter Fan, for this season, generally adapted for Lunch bars, Counters, etc., being fastened to the counter by a small brace, the shaft and pipe passing through the floor to the ceiling of the floor beneath, where it is fastened to a bracket secured to the joist, thereby doing away with a flange on the top of the floor.

PRICES

Bronzed, with varnished blades and common carrier,	-	-	\$18 00
With nickeled casing, mahogany finished or Birds-eye maple blades			
and regulator,	-	-	28 00

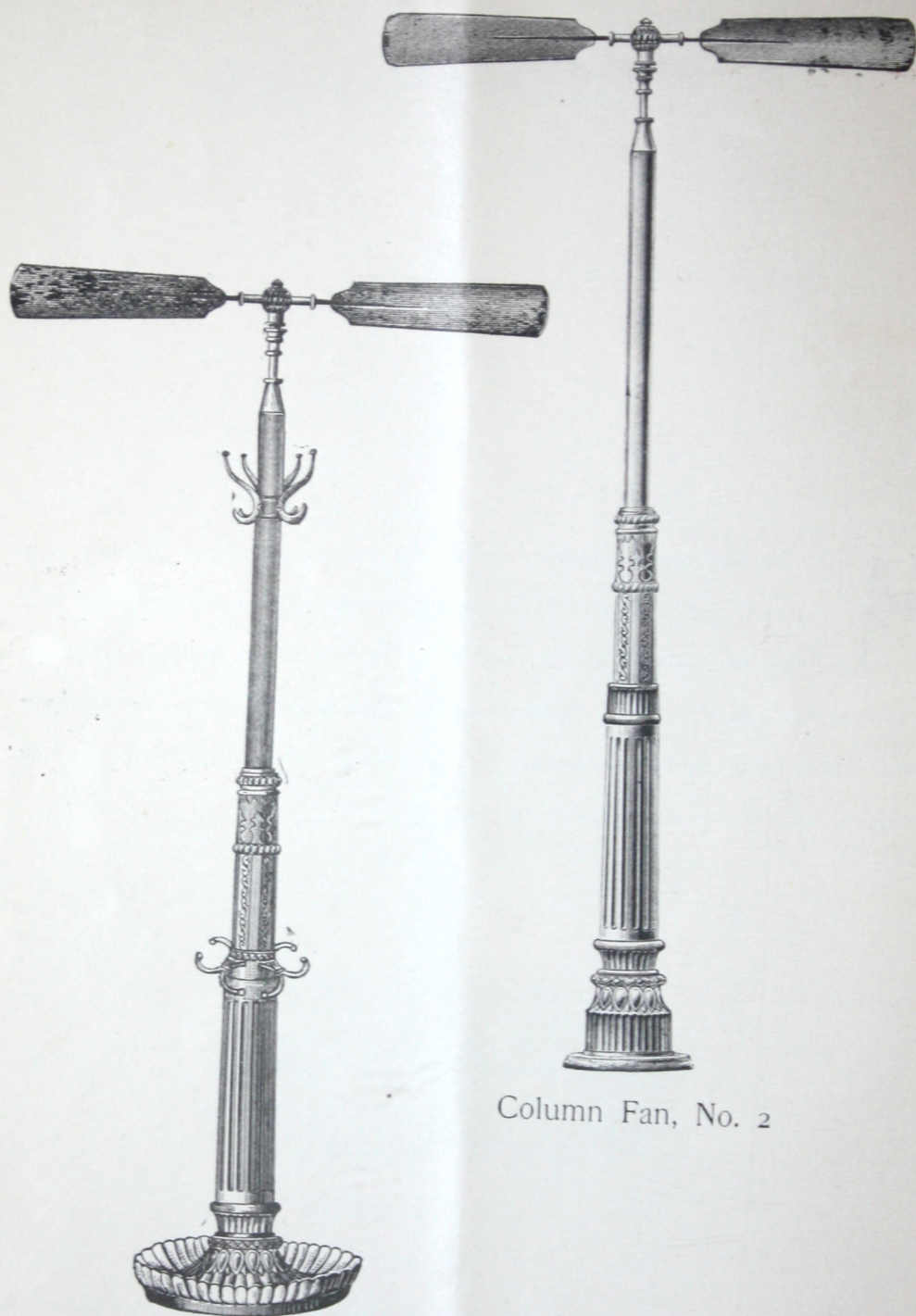


Column Fan No. 1

PRICES

Bronzed, with oil finished blades and common carrier,	-	-	\$22 00
Lower section japanned and ornamented, and upper section highly polished in Brass, Nickel or Antique bronze, Mahogany finished or Birds-eye Maple blades and regulator,	-	-	35 00

HAVING had many inquiries during the past season for a Column Fan with a short base and the upper section highly polished in nickel, brass or antique bronze, according to the color desired, we have produced the Fan shown on opposite page. This is one of the neatest Column Fans constructed, and we bespeak for it a large sale, considering the low prices at which we are enabled to offer it.



Column Fan, No. 2
With Hat-Rack and Umbrella Stand
Attachment

Column Fan, No. 2

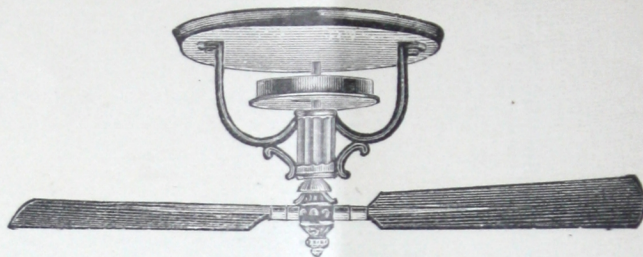
The

cut on opposite page represents our Standard Column Fan, improved to the highest degree, having a heavy solid base, richly carved and ornamented, and the upper section polished, nickel, brass or antique bronze as may be desired.

In connection with the Column we have devised attachments for making a Hat Rack and Umbrella Stand; also a table especially adapted to Restaurants, Ice Cream Saloons, Barber Shops, Offices, Etc.

PRICES

Plain bronzed, with common carrier, oil finished blades,	\$26 50
With regulator, - - - - -	31 00
Japanned, bronzed, with common carrier, oil finished blades,	29 50
With regulator, - - - - -	34 00
With lower section japanned, upper section polished Brass, Nickel plate or Antique Bronze, Mahogany finished or Birds-eye Maple blades and regulator, - - - - -	42 00
With Hat Rack and Umbrella Stand attachment, \$10 00 extra	
With Table attachment, 15 00 extra	



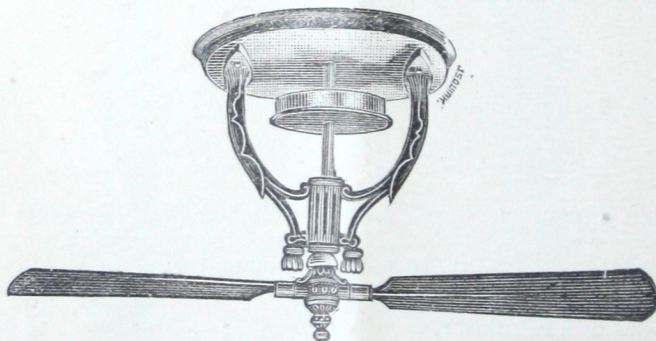
Ceiling Fan, No. 1

For Ceilings 8 to 9½ feet high.

PRICES

Bronzed : Varnished Base and Blades ; common carrier, 12 in. drop,	\$7.25
“ “ “ “ “ “ “ 18 “ “	7.50
Japanned : Mahogany finished Base and Blades; common carrier, 12 in. drop,	9.25
“ “ “ “ “ “ “ 18 “ “	9.50

Regulators \$3.00 extra



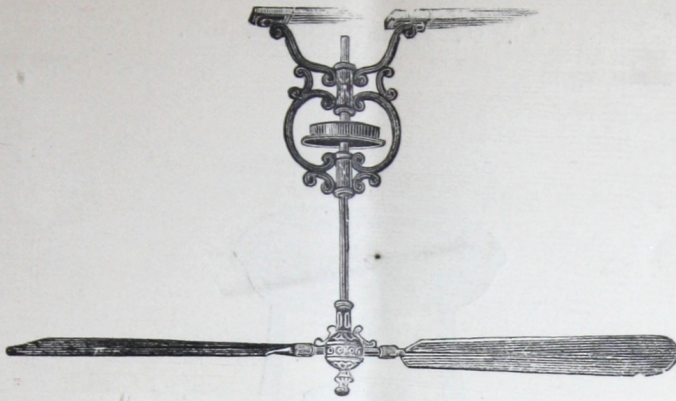
Ceiling Fan, No. 2

For Ceilings 8 to 9½ feet high.

PRICES

Bronzed : Varnished Base and Blades ; common carrier 12 in. drop,	\$8.00
“ “ “ “ “ “ “ 18 “ “	8.25
Japanned : Mahogany finished Base and Blades; common carrier, 12 in. drop,	11.00
“ “ “ “ “ “ “ 18 “ “	11.25

Regulators \$3.00 extra

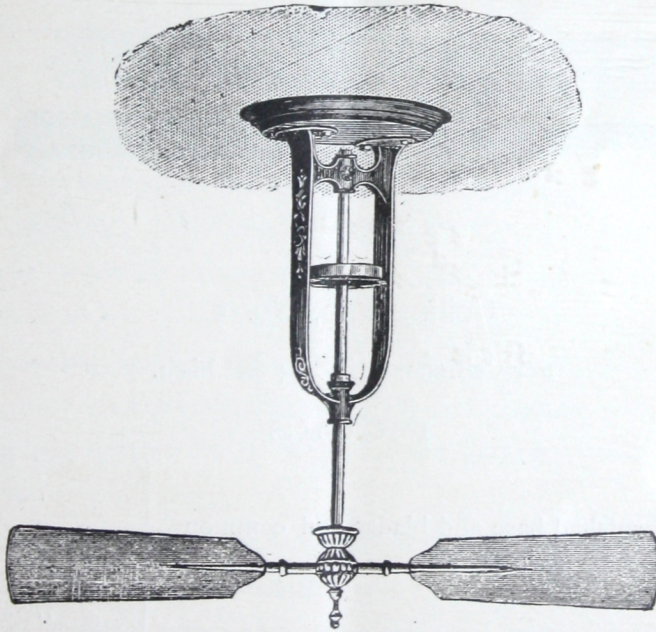


Ceiling Fan, No. 3

FOR CEILINGS 8½ TO 10 FT. HIGH

PRICES

Bronzed :	varnished base and blades ;	common carrier, 14 in. drop,	\$ 9 50
"	"	20 " "	10 00
Japanned :	Mahogany finished base and blades ;	common carrier, 14 in. drop,	12 50
"	"	20 " "	13 25
Regulator, \$3 00 extra			



Ceiling Fan, No. 4

FOR CEILINGS 10 TO 11½ FT. HIGH

PRICES

Bronzed :	varnished base and blades ;	common carrier, 2 ft. 6 in. drop,	\$10 75
"	"	3 ft. "	11 25
"	"	3 ft. 6 in. "	11 75
Japanned :	Mahogany fin. base and blades ;	common carrier, 2 ft. 6 in. drop,	14 00
"	"	3 ft. "	14 50
"	"	3 ft. 6 in. "	15 00
Regulator, \$3 00 extra			



Ceiling Fan, No. 5

For Ceilings, 9½ to 14 feet high.

PRICES

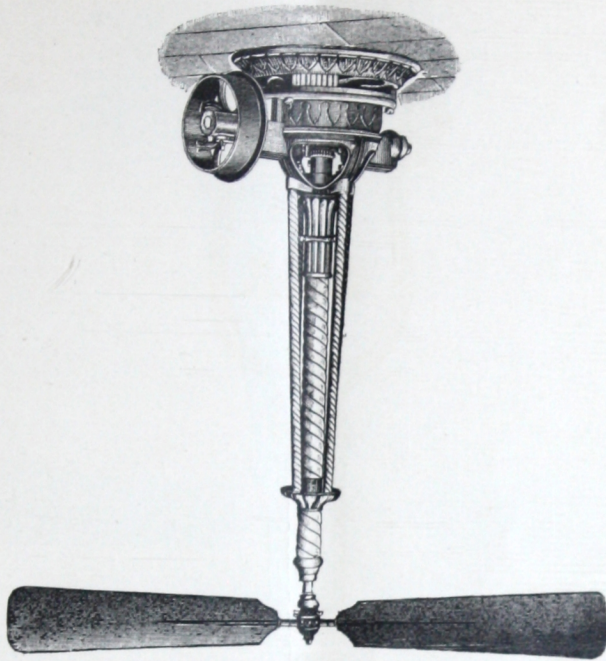
Bronzed with Varnished base and blades and common carrier,

2 feet drop,	\$10.00
3 " "	12.00
4 " "	14.00
5 " "	16.00
6 " "	18.00

Japanned with Mahogany finished Base and Blades,
and Nickel Trimmings with common carrier,

2 feet drop,	\$13.00
3 " "	15.00
4 " "	17.00
5 " "	19.00
6 " "	21.00

Regulator, \$3.00 extra,



Ceiling Fan, No. 6

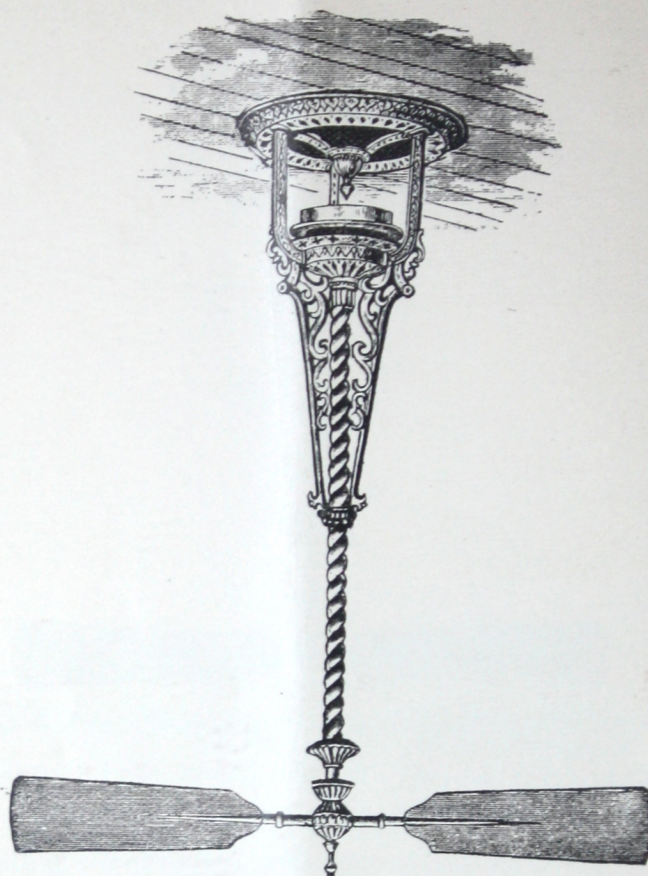
THIS is our newest and most valuable improvement for which we have patents pending. This Fan is constructed to run without belting, all the moving parts or power for turning the blades, (which consist of two small beveled gears, one attached to a $\frac{3}{4}$ inch shaft running through the dome of the Fan, parallel with the ceiling, and the other to the top of the fan shaft where they are connected) being concealed, from which fact as can be readily seen, makes it the most desirable Fan ever produced, in that it does away with the annoyance of unsightly belts soiling the ceiling.

Especially desirable where a number of Fans are to be run tandem, as the power is transmitted separately to each Fan. It is probably necessary to explain that a belt is of course required from the motive power to a countershaft and one from countershaft to a pulley on the end of the shaft as shown in the cut on page 17.

This Fan is applicable to any height of ceiling, and we have made a uniform price for all drops.

PRICES

Bronzed, with oil finished blades and common carrier,	-	-	\$20 00
Japanned and Nickeled, with Mahogany finished or Birds-eye Maple blades and regulator,	-	-	30 00

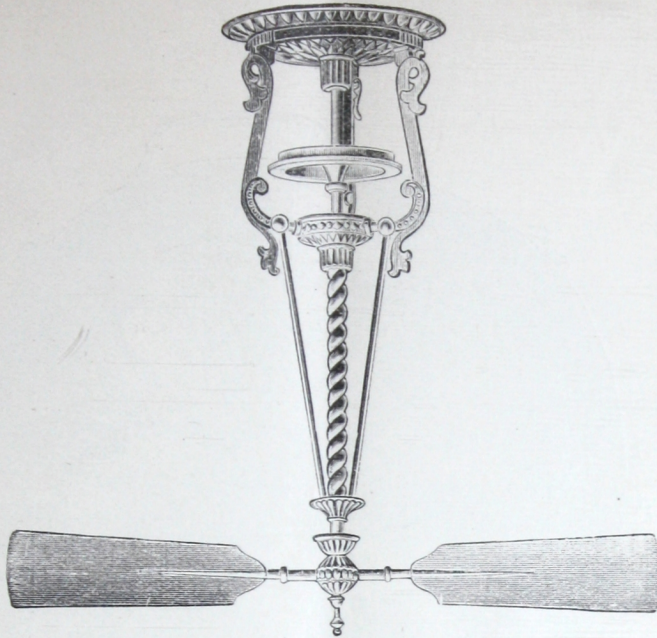


Ceiling Fan, No. 7

FOR CEILINGS 10 TO 14 FT. HIGH

Elegant in design and finish

Bronzed, with oil finished blades and common carrier,	{	2 ft. 6 in. drop,	\$12 25
		3 " 0 "	12 75
		3 " 6 "	13 25
		4 " 0 "	13 75
		4 " 6 "	14 25
		5 " 0 "	14 75
		5 " 6 "	15 25
		6 " 0 "	15 75
Japanned, with Mahogany finished or Birds-eye Maple blades and regulator,	{	2 " 6 "	19 00
		3 " 0 "	19 75
		3 " 6 "	20 50
		4 " 0 "	21 25
		4 " 6 "	22 00
		5 " 0 "	22 75
		5 " 6 "	23 50
		6 " 0 "	24 25



Ceiling Fan, No. 8

For artistic designs and richness of finish, we claim for this Fan a superiority over all others, adapted to any height of ceiling.

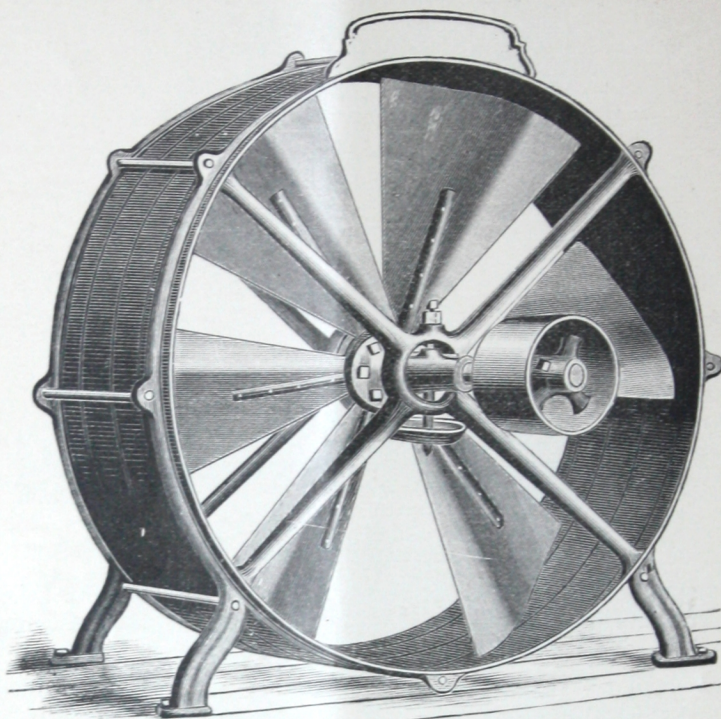
PRICES

Bronzed, with oil finished blades and common carrier,

18 in. drop,		\$12 50
2 ft. 0	"	13 00
2 " 6	"	13 50
3 " 0	"	14 00
3 " 6	"	14 50
4 " 0	"	15 00
4 " 6	"	15 50
5 " 0	"	16 00
5 " 6	"	16 50
6 " 0	"	17 00
6 " 6	"	17 50
7 " 0	"	18 00

Japanned, with Mahogany finished or Birds-eye Maple blades and regulator,

18 in. drop,		\$18.75
2 ft. 0	"	19 50
2 " 6	"	20 25
3 " 0	"	21 00
3 " 6	"	21 75
4 " 0	"	22 50
4 " 6	"	23 25
5 " 0	"	24 00
5 " 6	"	24 75
6 " 0	"	25 50
6 " 6	"	26 25
7 " 0	"	27 00

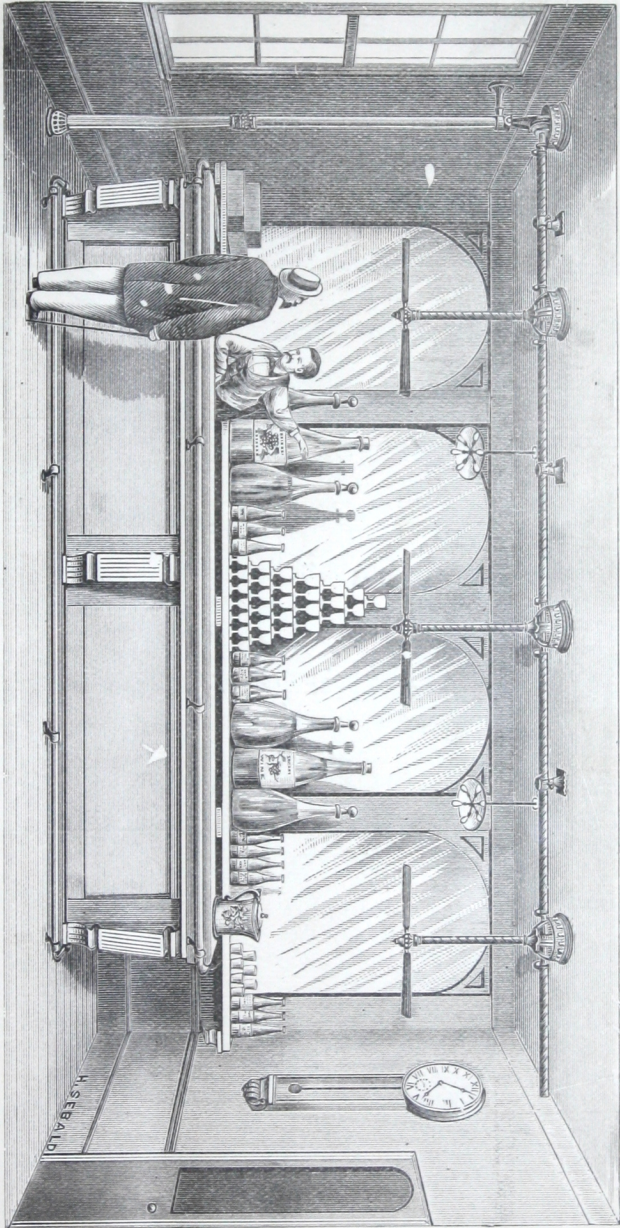


Exhaust Fan

FOR ventilating and removing steam, heat, smoke, foul air and gases from restaurants, hospitals, laundries, dye houses, factories, founderies, boiler rooms, mines, &c.

We manufacture and keep constantly in stock all sizes from 18 to 48 inch wheels. Larger sizes made to order. Constructed entirely of iron, with the latest improved self oil bearings.

Diameter of wheel	Size of Pulley	Speed of Fan	Price
18 inches	3 x 2	500 to 1000	\$ 40.00
24 inches	4 x 2	500 to 1000	50.00
30 inches	5 x 3	400 to 950	65.00
36 inches	6 x 3	400 to 800	85.60
42 inches	7 x 3	400 to 750	105.00
48 inches	8 x 4	400 to 650	125.00



THE above cut represents a Bar Room furnished with our New No. 6 Pt. Shaft Fans, as described on page 13. The only belting used in this plant is from the pulley in the basement on counter-shaft, (an Electric Motor being used for motive power) to a pulley on end of shaft next the window, and the belt covered with nickel plated tulle. The same appliance for covering the belt can be used, if it is necessary to place the motor in the same room with the Fans.

MISCELLANEOUS

¾ inch Shaft per foot,	.20
¾ " " " "	.25
¾ " " " "	.30
I " " " "	.40
I 3-16 inch Shaft per foot	.50
⅞ inch collars, each	.25
I " " " "	.30
I 3-16 inch Collars, each.	.50
1¼ inch Robe Tubing, Nickel plated, per foot,	1.00
6 x I inch Flange Pulleys, each,	.65
7 x I " " " "	.75
7 x I ¼ " " " "	1.00
7 x I ½ " " " "	1.25
8 x I " " " "	1.00
8 x I ¼ " " " "	1.25
8 x I ½ " " " "	1.50
8 x 2 " " " "	2.00
9 x 2 " " " "	2.25
10 x 2 " " " "	2.50
2 x I ¼ inch Double Flange Pulleys, each,	.90
3 x I ½ " " " "	1.05
3 ½ x I ½ " " " "	1.20
4 x 2 " " " "	1.50
4 ½ x 2 " " " "	1.60
4 x 2 inch High Face Pulleys,	.90
5 x I ½ " " " "	.90
5 x 2 " " " "	1.00
6 x I ½ " " " "	1.00
6 x 2 " " " "	1.15
7 x I ½ " " " "	1.15
7 x 2 " " " "	1.30
8 x I ½ " " " "	1.40
8 x 2 " " " "	1.50
9 x 2 " " " "	1.75
10 x 2 " " " "	2.10
11 x 2 " " " "	2.30
12 x 2 " " " "	2.45
14 x 2 " " " "	2.60
16 x 2 " " " "	2.80
18 x 2 " " " "	3.00
20 x 2 " " " "	3.20
22 x I " " " "	3.65
22 x I ½ " " " "	3.85
22 x 2 " " " "	4.00
24 x 2 " " " "	4.60

The above prices are for Bronzed Pulleys, Japanned extra.

Column or Counter Fan Regulators, nickeled	4.50
Ceiling Fan, Regulators, nickeled,	3.60
Japanned, Bronzed Regulators,	3.00

Fan Blades (64 Inch Sweep)

Flat, Plain Varnished Ash, for Common Carriers, per pair	2.50
“ “ “ “ “ Regulator, per pair,	2.75
“ Mahogany Finished, “ “ “ “	3.25
“ Birdseye Maple, for Regulator, per pair,	3.50
“ Antique Oak, “ “ “ “	4.00
Oar Shaped, Ash for Common Carrier, “ “	3.90
“ “ “ “ “ “	4.15
“ Mahogany Finished, for Regulator, per pair,	4.75

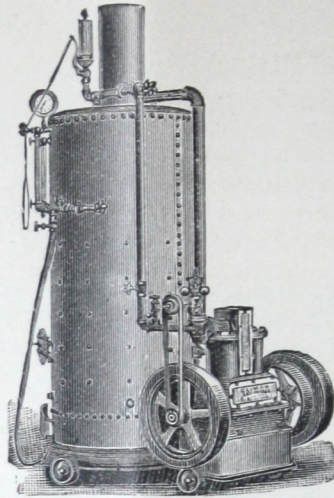
DIRECTIONS FOR ORDERING . .



FOR Column or Counter Fans, care should be taken in giving the distance from top of floor to bottom of joist, as shown in sectional view of Counter Fan on page 4.

For Ceiling Fans, it is necessary to give the height of ceiling, as the proper distance to place them is to have the fan blades 7 feet 6 inches from floor, although either 7 feet or 8 feet from the floor will give good results.

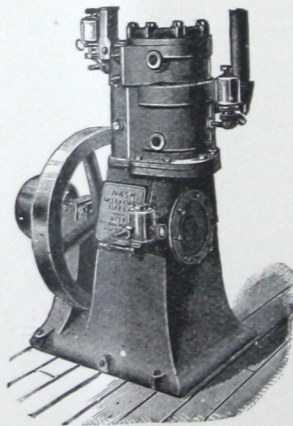
We will also add that in ordering any kind of Fans, the following information should be given: Length and width of room, height of ceiling, on what floor or floors they are to be placed, the motive power to be used, whether Steam or Gas Engine, Electric or Water Motor, all of which we keep in stock and supply.



Climax Engine and Boiler

WE are sole agents for the Climax Engines and Boilers, and can recommend them : 1st—To every one who wants to buy a steam engine and boiler ; 2d—After buying one does not want to buy a coal mine to supply fuel ; 3rd—To the proprietor who does not want to pay out all the earnings in his business to some neighboring machine shop to keep his engine in repair ; 4th—To the man that wants to pay an honest price for honest goods.

Can be furnished at once, all sizes, 6 to 50 H. P. Prices on application.



Nash Gas Engine

WE are also agents for the Nash Gas Engines ; the best made, $\frac{1}{3}$ to $6\frac{1}{2}$ H. P. Prices on application. Electric and Water Motors all sizes constantly in stock.

We herewith give a few of the names of parties using our Ventilating Fans.

PHILADELPHIA

C. H. Reisser, 5th and Minor streets
Penna. R. R. Office, 5th and Minor streets
Central Ave. Hotel, 831 Market street
Samuel Moore, 44 North 4th street
David Carrick & Sons, 1903 Market street
Wm. J. Cronin, 1620 Market street
Henry McHugh, 1432 Market street
John Emery, 3rd and Market streets
Otto Schmidt, Delaware Avenue and Chestnut streets
James F. Conway, 5th and South streets
Middendorf Bros., 19 South 4th street
R. P. March, 1638 Market street
W. M. Steppacher, 308 Market street
C. Wilkinson's Sons, 132 Dock street
Samuel Lea & Sons, 1148 St. John street
W. A. Miller, 929 Arch street
Owen Finnegan, 218 North 8th street
Thomas Lynch, 23rd and Spring Garden streets
Samuel Kelley, 23rd and Spring Garden streets
John Holton, 1520 Cumberland street
Edward Welsh, Germantown
Patrick Welsch, 2472 Kensington avenue
M. J. Mellon, 9th and Race streets
Mrs. A. McClung, 17th and Federal streets
Jacob Voltz, 1520 Wharton street
John Gardner, Frankford road and Norris streets
M. Connor, 38th and Market streets
Historical Publishing Company, 3941 Market street
John Tate, 3906 Spring Garden street
Solomon Bros., 409 Arch street
High Bros., 223 North 3rd street
McNeely & Co., 6th and Randolph streets
A. Gentzsch & Sons, 124 North 4th street
J. K. Petty & Co., 206 North 4th street
James Caven, 13th and Willow streets
C. H. Steiner, 513 Columbia avenue
United Elect. Eq. Company, 706 Walnut street
Stewart Bros., 412 Market street
Wright Bros. & Co., 312 Market street
George Wolf, 5th street and Lehigh avenue
P. J. Brady, 1343 North 4th street
Filipi Longo, 7th and Christian street
J. & P. Baltz Brewing Co., 31st and Jefferson streets
George Young, 5148 Lancaster avenue
Taylor & Carr, 417 Arch street
C. Hassenforder, 4th and Branch streets
Brauer & Brauckman, 248 North Front street
L. H. Blumhard, 126 South 6th street
Frank Dalmedo, 20th and Alter streets
Jacob Troescher, 2017 Berks street
Silas P. Rowland, 1013 Chestnut street
Brown & Jeeves, 122 North 6th street
Daniel McLaughlin, 48 South 2nd street
Priestman & Co., 430 Walnut street
John Hickey, 23rd and South streets
Therese Holly, 45 North 6th street

PHILADELPHIA—Continued

William Hyde, 1306 Dickinson street
 Mrs. Margaret Stewart, 1409 Bainbridge street
 Francis Murray, 1200 South 13th street
 August Haack, 2401 North 6th street
 John Boyle, 831 Market street
 Friends Asylum, Frankford
 John Calhoun, 932 South 18th street
 John Bauers, 1131 Germantown avenue
 Isaac Louber, 701 South 20th street
 John Crean, Front and Tasker streets
 H. P. Price, Broad and Carpenter streets
 P. Mehan, 1024 McClellan street
 Allen Line Steamship Co.
 J. A. Neal, 1521 Columbia avenue
 Horn & Hardart, 39 South 13th street
 John Gibbons, 23d and South streets
 Henry Schoebert, 156 North 3d street
 P. Stinetz, 212 New Street
 Jacob Sees, 401 Norris street
 John Steck, 1950 North 2d street
 W. S. Batts & Son, Kensington avenue Market
 Hexter Bros., 434 Market street
 Jesse Jones & Co., 615 Commerce street
 N. Riedmann, 2045 Diamond street
 Julius Rinnert, 2721 Diamond street
 Blumhall Bros., 42 North 3d street
 William Cussack, 40th street and Girard avenue
 Thomas O'Donald, 4418 Lancaster avenue
 Avil Publishing Company, 3941 Market street
 B. Murnahan, 19th and Bainbridge streets
 C. Wentz, New Market and Laurel street
 Margaret Toner, 1231 South 22nd street
 Mrs. Alex. McCuen, 33 South 11th street
 C. U. Jaun, 217 George street
 Peter Neeson, 17th street and Columbia avenue
 Thomas Smith, 4027 Lancaster avenue
 Royal Morocco Company, 401 Arch street
 A. W. Bettencourt, 1132 Lombard street
 Fred'k Ritzens, 1322 Callowhill street
 William Heberle, 1721 North 12th street
 J. F. Bodenholfer, 4th and South streets
 F. L. Fuchsluger, 1436 South Penn Square
 Joseph Lawrence, 1355 Ridge avenue
 A. Cunningham, 1420 Columbia avenue
 M. Brennen, 2035 Ridge avenue
 J. D. Gabadi, 1340 Columbia avenue
 A. J. Fane, 133 Walnut street
 George Fox, Jr., N. E. Cor. Taylor and Montgomery avenues
 William Speese, 826 Oxford street
 P. Keenan, S. E. Cor. 2nd and South streets
 William Eyre, 3426 Market street
 Thomas Martindale & Co., 941 Market street
 E. L. Shall, 1524 Market street
 F. Kitch, 229 Dock street
 Quaker City Elect. Company, 940 North 9th street
 C. Hines, Belmont and Westminster avenues
 A. Unfried, 601 North 39th street
 Benjamin Adair, Kensington

PHILADELPHIA—Continued

G. Hammer, 3rd and Noble streets
John Alsbach, 12th and Vine streets
A. Mullin, Front and Vine streets
Richard Connor, 2800 Kensington avenue
Jacob Reyle, 1131 Germantown avenue
Charles Keller, 850 North 13th street
Thompson-Houston Elect. Company, 509 Arch street
Ed'k Jones & Co., 58 North 4th street
John Sheridan, 4400 Lancaster avenue
Thomas V. Serrill, 1745 South street
George J. Goeble, 698 Passyunk avenue
F. T. Tacey, 172 Norris street
Jacob Schwinn, 4051 Germantown avenue
Charles A. Rustenbach, 3801 Germantown avenue
D. J. Galanaugh, 2660 Callowhill streets
H. Clausen Brewing Company, 2111 American street
John H. McMullin, 42nd Market street
M. Sommer, 17th and Susquehanna avenue
Thomas Cutler, 9th and Walnut streets
E. F. Leonard, 2640 Callowhill street
Donahue & Mastbaum, 6th and South streets
James L. Goodall, 701 South 11th street
John McShane, 2148 Ellsworth street
Hotel Vendig, 12th and Market streets
C. W. Arney & Son, 228 North 3rd street
William Neal, 739 Girard avenue
New York Lunch Cafe, 15 South 4th street
Samuel Rosenfelt, 617 North 4th street
H. P. Sauer, 1401 Moyamensing avenue
William Laddy, 108 East Girard avenue
James J. Ryan, Front and Reed streets
Theo. Bainbridge, 12th and South streets
Daily News, 29 South 7th street
James Lynch, 2nd and Monroe street
Samuel Sproul, 20th and Fitzwater streets
Frank Campiglia, 214 South 8th street
Charles F. Leiber, 14 South 15th street
R. A. Daly, 18th and Dickinson streets
H. F. Potter, 16th and Morris streets
Charles Schaefer, 1604 Columbia avenue
C. J. Keating, 2701 Germantown avenue
Central Elect. Company, 9 North 13th street
Partridge & Richardson, 17 to 25 North 8th street
Frank Burns, 118 South 22nd street
Fred'k Talbot, 3225 Germantown avenue
Charles Mueller, 2556 N. Third street
James A. Healey, 1925 South Seventh street
Lambert Klein, 2301 Fairmount avenue
George F. Ott, 216 Buttonwood street
James F. McKinley, 2862 Germantown avenue
H. Magee, 2100 Market street
Novelty Electric Company, 52 North Fourth street
Kerbaugh & Hayes, Broad and Germantown avenue

PHILADELPHIA—Continued

D. Singer, Fifth and Bainbridge streets
 James Tully, 181 Master street
 Mrs. G. W. Boger, 2315 Brown street
 Commonwealth Electric Company, 6c6 Arch street
 A. R. Kellar Company, 1038 Ridge avenue
 Adolph Stuckle, 2515 Columbia avenue
 John H. Geltz, 2822 Germantown avenue
 Edward J. Brophy, Eighth and Callowhill streets
 M. Wasmuth, 413 St. John street
 R. H. Young, 2nd and Reed streets
 Chas. J. Gibbons, 2500 Christian street
 Mrs. Aug. Vollmer, Randolph and Jefferson streets
 John Henry Geiser, 2403 American street
 John McCann, 1914 South Sixth street
 Krause & Weber, Second and Morris streets
 Williamson & Casseday, 24 South Fourth street
 Michael Donahue, 1944 Columbia avenue
 H. R. Giffin & Co., Tenth and Arch streets
 Sam'l J. Elser, 3856 N. Broad street
 Wm. J. Bishop, Hancock and Edwards street
 David Harvey & Son, Alleghany avenue and Janney street
 Dornan Bros., Howard, Oxford and Mascher streets
 Reeves and West, 239 Dock street
 Philadelphia Stockholder Pub. Co., Fourth and Library streets
 Continental Hotel Drug Store, Ninth and Chestnut streets
 J. F. Doyle, 737 Passyunk avenue
 Brown Bros. & Abele Co., L't'd, Palethorpe and Huntingdon sts.
 M. Zineman & Bro., 130 South Ninth street
 Morris and Richter, 2349 N. Fifteenth street
 G. F. Pfund, 4011 Germantown avenue
 Wainwright & Co., Second and Arch streets
 Lovegrove & Co., 143 North Third street
 Rischell & Co., Thirteenth and Market streets
 Bernard Kelley, 13th and Ellsworth streets
 John Watson, 3001 Kensington avenue
 German Democrat, 614 Chestnut street
 M. Diehl, Fourth and Fairmount avenue
 Barbara Harsch, 3159 Germantown avenue
 Fredericks, MacMiller & Co., 707 Filbert street
 Travis & Bro., Crease street and Girard avenue
 Provident Life and Trust Company, 409 Chestnut street
 Shoemaker & Bush, 602 Arch street
 H. Whitacker's Sons, Emerald street above Alleghany avenue
 George Mayer, Fifth and Reed streets
 Louis J. Wolf, 3500 Frankford avenue
 B. C. Tillinghast, 12 South Second street
 Henry Cann, Third and Indiana avenue
 Peter Snyder, 709 Cantrell street
 Solomon Bros., 409 Arch street
 J. H. Maxwell, Second and Market streets
 Werger Bros., Third and Buttonwood streets
 Henry Fayter, 313 Race street
 Crossingham & Patton, Germantown
 Northern Liberty Gas Co., 50 Laurel street

PHILADELPHIA—Concluded

Goodyear Machinery Co., 409 Arch street
 Wanamaker & Brown, Sixth and Market streets
 C. A. Blessing, 625 Arch street
 Aldine Hotel, Eighteenth and Chestnut streets
 Franco-American Cellulose Co., 30th below Chestnut street
 Frank Bros., 51 North Third street
 W. H. & G. W. Allen, 113 Market street
 Albert Hellwig, Ninth and Buttonwood streets
 L. F. Seyfert's Sons, Third and Willow streets
 John J. Hart, 2308 E. Lehigh avenue

CAMDEN, N. J.

J. R. Eastlack
 H. G. Bonwell, 925 South Fifth street
 Albert Ebener, Front and Erie streets
 W. H. Getty, 210 Federal street
 Wm. W. Chew, 1016 South Fourth street
 August C. Miller, Fifth street and Bridge avenue
 C. A. Miles, Broadway and Stevens street
 J. C. Jefferies, 503 Federal street
 Chas. Ricker, 930 Market street
 D. C. Ashby, 9 Market street
 Anderson Pre. Company, Front and Arch streets
 J. B. Vansciver & Co., Federal and Arch streets
 Luckett & Easton, Broadway and Stevens street
 W. H. Haegle, 411 Federal street
 John H. Jones, 524 North Front street

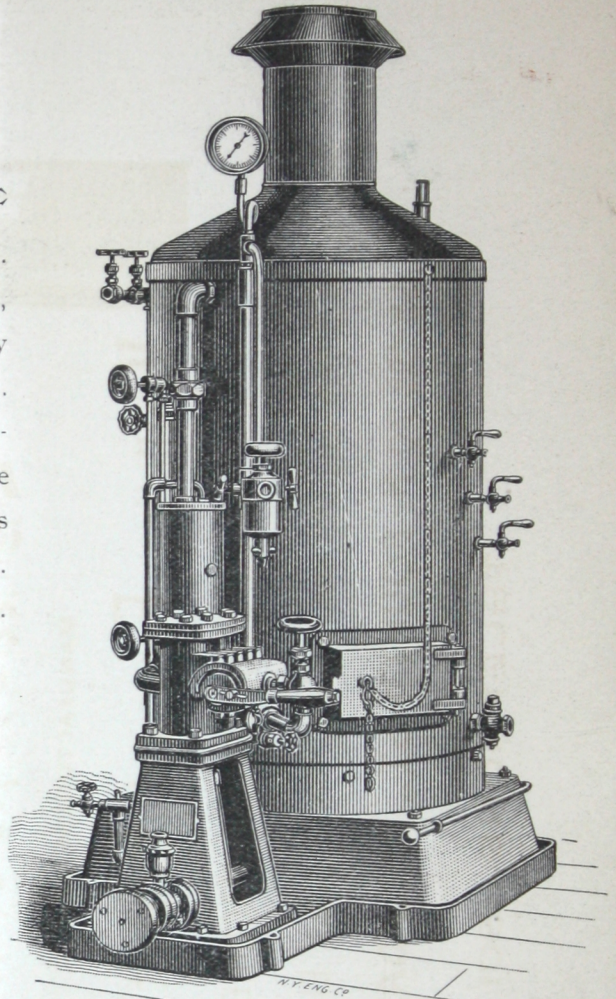
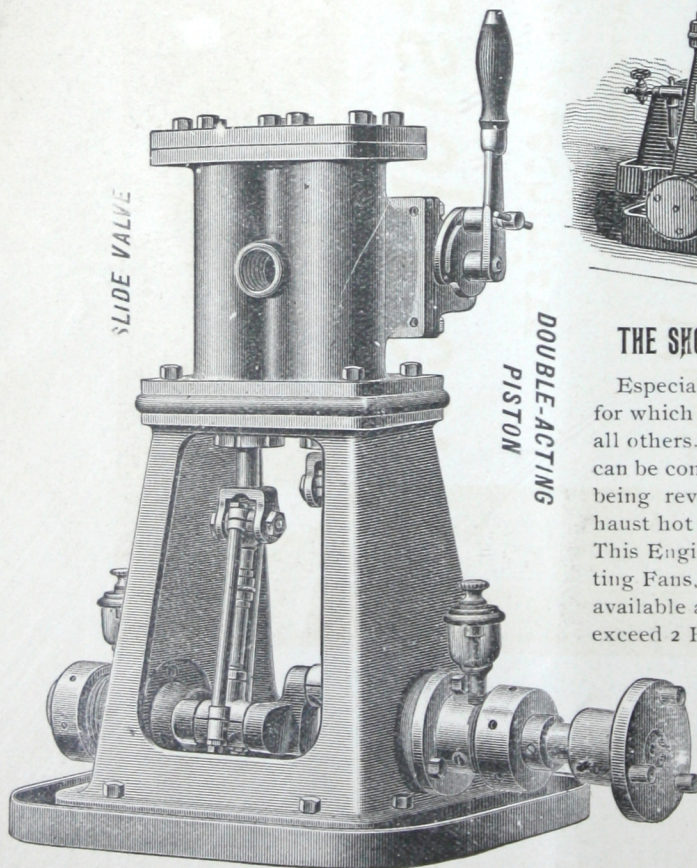
MISCELLANEOUS

Horn & Hardart, 304 E. Baltimore street, Baltimore, Md.
 Henry Blouth (Grand Union Hotel), Wilmington, Del.
 A. B. Commings (Hotel), Harrisburg, Pa.
 Wm. Hillier (American House), Mechanicsburg, Pa.
 Henry Abbott (Washington House), Chester, Pa.
 Gustave Richert, 194 Church street, Manayunk, Pa.
 Montgomery Web Company, North Wales, Pa.
 Hunt & Connell, Scranton, Pa.
 Henry McIntire, Gloucester, N. J.
 Taubel, Bros., Riverside, N. J.
 Cameron and Keil, 793 Ninth avenue, New York, N. Y.
 Jacobo Baiz, 102 Front street, New York, N. Y.
 T. K. Jones, Dover, Del.
 R. D. Hollis, Atlanta, Ga.
 M. M. Kenney, 24 S. Pryor street, Atlanta, Ga.
 Potts & Potts, 5 Decatur street, Atlanta, Ga.
 A. F. Herndon, Atlanta, Ga.
 Bob Steel, 18 Marietta street, Atlanta, Ga.

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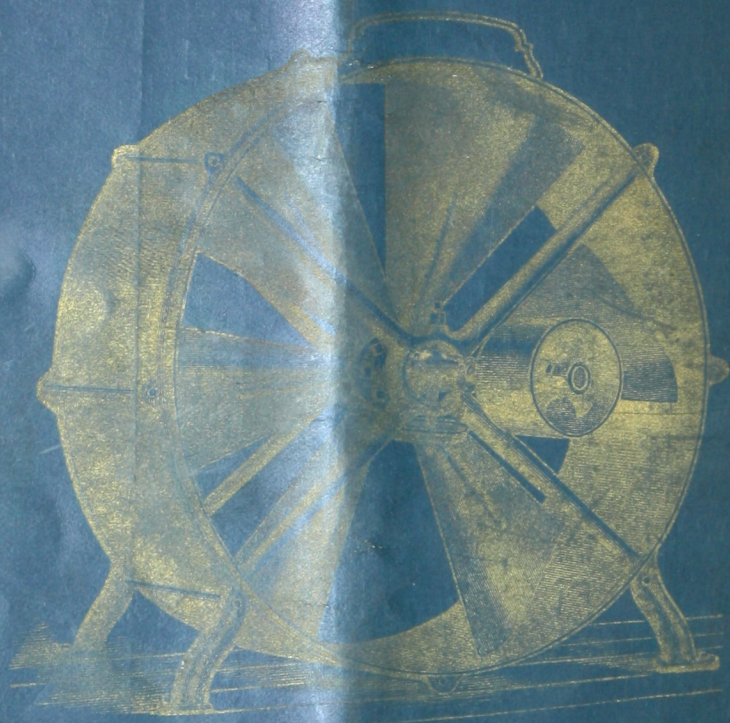
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